

ST-Elevation MI Orders

for use only in the Emergency Department

Draw a line through, initial and date all changes.
If generically equivalent medication is not acceptable, then write "brand necessary."

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Circles: mark one and only one.
Squares: mark one, many or none.

Two peripheral IVs, NS at KVO

O2 2 lpm nasal; increase as needed to keep oxygen saturation > 95%

Continuous pulse oximetry and cardiac monitor

VS Q5min x 15 min, then Q15min while in ED; and PRN

EKG

right-sided EKG

Stat portable CXR

High-Risk CCU labs; if ♀ < 50, UCG

Does EKG show inferior MI?

No order right-sided
 Yes EKG →

Aspirin given prehospital or taken by patient prior to arrival?

Yes
 No or unknown True aspirin allergy?
 No chewable aspirin 81 mg, 4 tabs chew and swallow
 Yes or unknown

Does R-sided EKG show RV infarct?

(1-mm [^]ST in V4R 70-93% sensitive, 95-100% specific)
 No
 Yes

Severe hypotension risk:

If right ventricular (RV) infarction by physician reading, then do not give any nitroglycerin (NTG).

If no RV infarction, and systolic BP > 100: give NTG i spray SL Q5' x3 prn chest pain. If pain unrelieved by SL NTG and systolic BP > 100 start NTG drip at 10 mcg/min; titrate until chest pain free or systolic BP = 100.

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Resident/PA/CRNP

ED Attending physician (required):

Print Last Name:

Print Last Name:

Date:

Sign:

Date:

Sign:

Time:

Time:

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Morphine sulfate 2 mg IV Q 10 minutes prn chest pain unrelieved by NTG;
 hold if allergic to morphine sulfate;
 hold if systolic BP < 100.

Should patient get a beta blocker?

Contraindications:

- Systolic BP < 100
- HR < 60
- Allergy to beta blocker
- Asthma with active wheezing
- Heart block except 1° AV block

Yes →
 No

LOPRESSOR (metoprolol) 5 mg IV q 10 minutes x
 3;
 hold if develops systolic BP < 100,

Should patient get heparin?

Contraindications:

- Acute GI/GU bleeding
- History of heparin-induced thrombocytopenia
- Allergy to heparin
- Cardiologist request not to give

Yes →
 No

IV bolus heparin 60 units/kg = units
 Heparin 1000 units/hr drip

Should patient get INTEGRILIN (eptifibatide)?

Contraindications:

- Acute GI/GU bleeding
- Allergy to INTEGRILIN
- BP > 200/110 uncontrolled by treatment
- End-stage renal disease on dialysis
- Cardiologist request not to give

Yes →
 No

IV INTEGRILIN (eptifibatide) bolus #1: 180 mcg/kg = mcg
 10 min later: IV INTEGRILIN (eptifibatide) bolus #2: 180 mcg/kg = mcg
 CrCl ≥ 50: IV INTEGRILIN (eptifibatide) drip 2 mcg/min/kg = mcg/min
 or CrCl < 50: IV INTEGRILIN (eptifibatide) drip 1 mcg/min/kg = mcg/min

See dosing nomogram, next page

Some labs/treatment not completed in ED due to emergent transfer to cardiac catheterization lab

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Sign:

Time:

ED Attending physician (required):

Print Last Name:

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Sign:

Time:

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INTEGRILIN (eptifibatide) dosing charts, by weight

patient weight		180 mcg/ kg bolus volume from 2 mg/ mL vial	2 mcg/kg/min infusion volume (Cr Clearance ≥ 50 mL/min) from 0.75 mg/mL 100- mL vial	1 mcg/kg/min infusion volume (Cr Clearance < 50 mL/min) from 0.75 mg/mL 100- mL vial
kg	lb			
37-41	81-91	3.4 mL	6 mL/h	3 mL/h
42-46	92-102	4 mL	7 mL/h	3.5 mL/h
47-53	103-117	4.5 mL	8 mL/h	4 mL/h
54-59	118-130	5 mL	9 mL/h	4.5 mL/h
60-65	131-143	5.6 mL	10 mL/h	5 mL/h
66-71	144-157	6.2 mL	11 mL/h	5.5 mL/h
72-78	158-172	6.8 mL	12 mL/h	6 mL/h
79-84	173-185	7.3 mL	13 mL/h	6.5 mL/h
85-90	186-198	7.9 mL	14 mL/h	7 mL/h
91-96	199-212	8.5 mL	15 mL/h	7.5 mL/h
97-103	213-227	9 mL	16 mL/h	8 mL/h
104-109	228-240	9.5 mL	17 mL/h	8.5 mL/h
110-115	241-253	10.2 mL	18 mL/h	9 mL/h
116-121	254-267	10.7 mL	19 mL/h	9.5 mL/h
>121	>267	11.3 mL	20 mL/h	10 mL/h